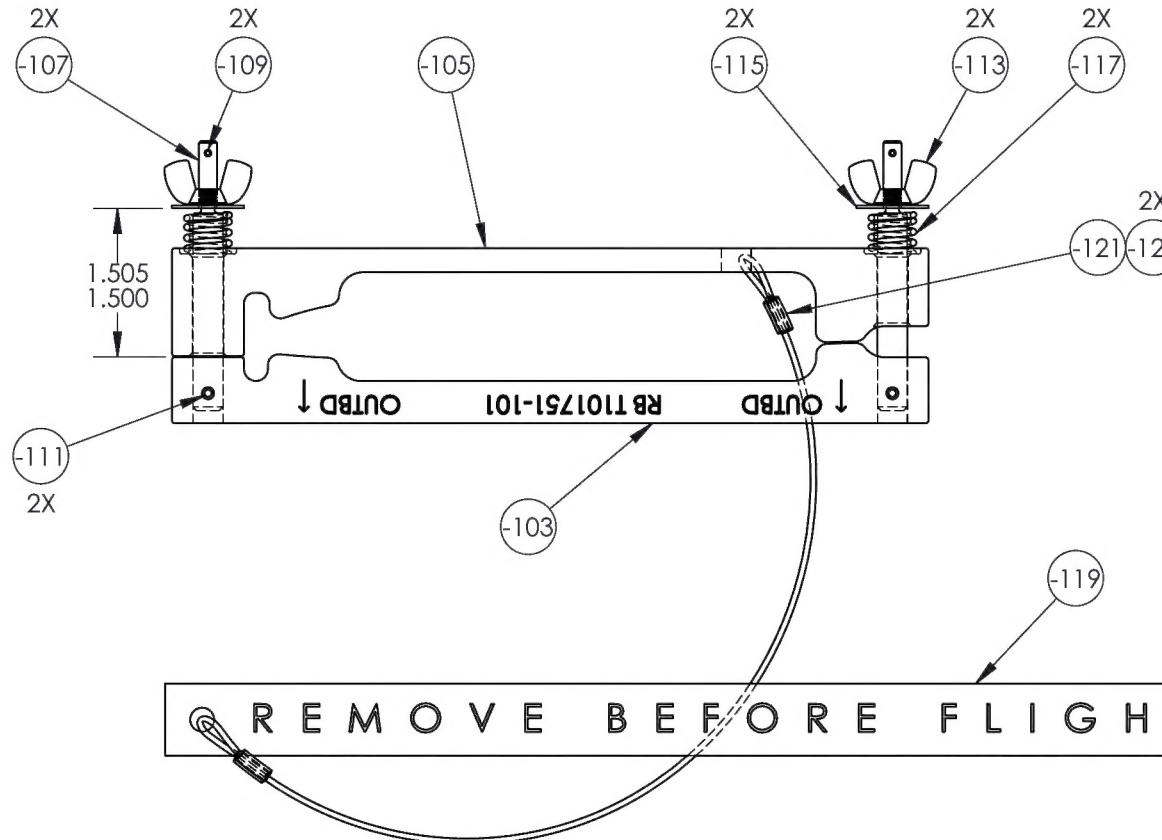


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
		REDRAWN FROM TATTERED ORIGINAL DRAWING.	2/4/2013	RJC	SE
A		-107 CH'D CALLOUT ON THREAD TOLERANCE WAS #10-32 IS #10-32 UNF-2A.	4/7/2014	DPD	GE
1	15-0118	UPDATED TO NEW DRAFTING STANDARDS. -103 ADDED ENGRAVE NOTE. -103 & -105 IMPROVED GD&T. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS.	5/26/2015	DPD	JAG

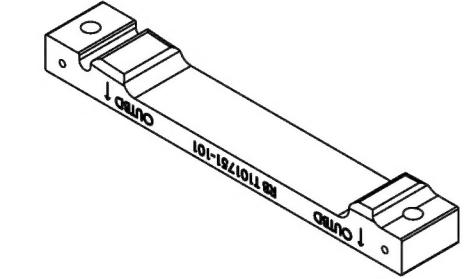
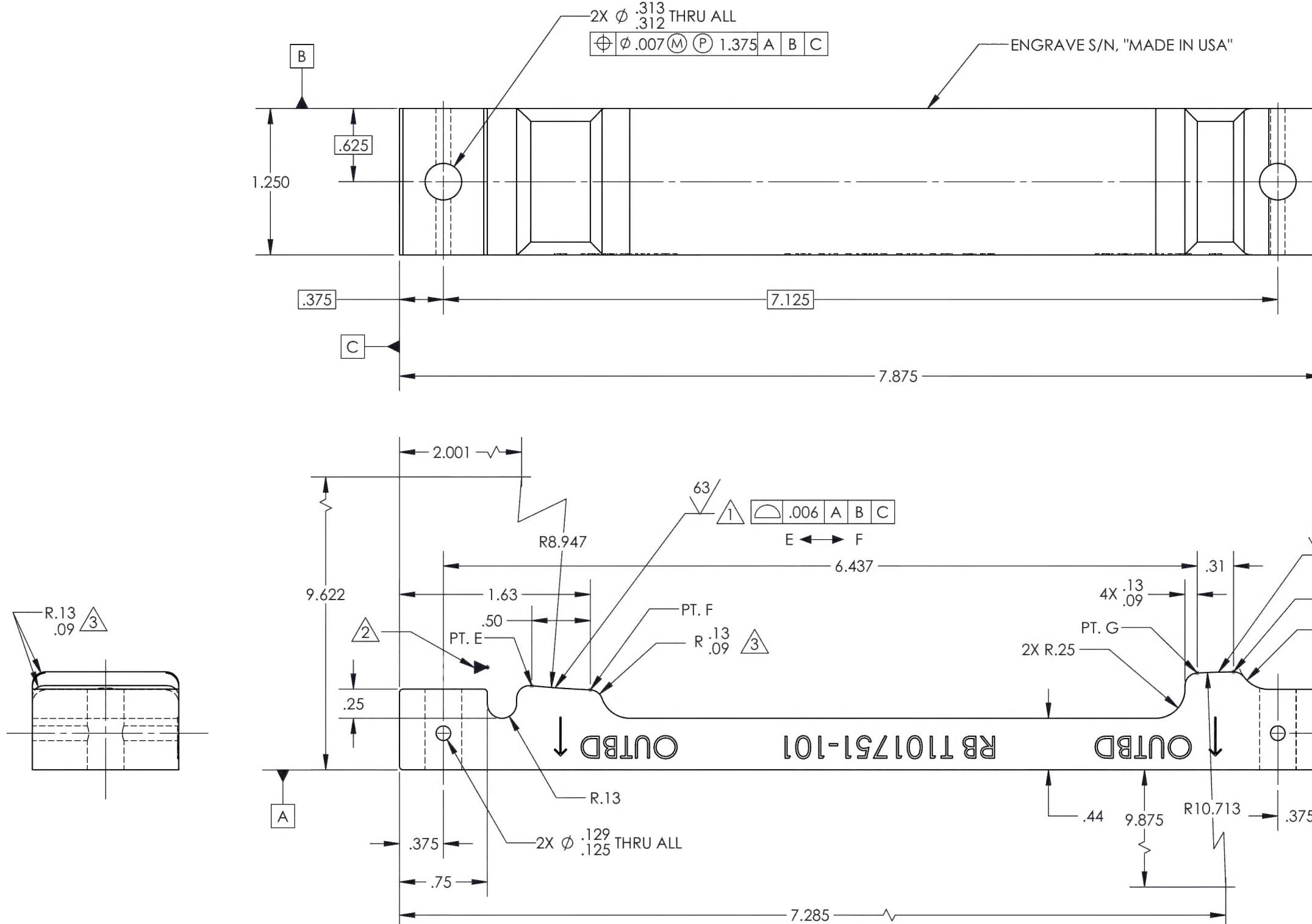


ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-103	1	OUTER BLOCK	6061		2
			-105	1	INNER BLOCK	6061		3
			-107	2	STUD	303 S.S.		4
B/O			-109	2	SLOTTED SPRING PIN	S.S.	Ø1/16 X 1/4 (MCMASTER-CARR #92373A105)	1
B/O			-111	2	SLOTTED SPRING PIN	S.S.	Ø1/8 X 1 (MCMASTER-CARR #92373A183)	1
B/O			-113	2	WING NUT	S.S.	#10-32 (MCMASTER-CARR #92001A311)	1
B/O			-115	2	WASHER	S.S.	Ø3/4 X O.D. X Ø.13/64 I.D. (MCMASTER-CARR #90313A202)	1
B/O			-117	2	SPRING	S.S.	(AIRCRAFT HARDWARE #MS24585-1354)	1
B/O			-119	1	REMOVE BEFORE FLIGHT	NYLON	NAS 1756-12	1
B/O			-123	2	FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMASTER-CARR #3896T31)	1
B/O			-121	1	LANYARD	COATED STEEL	Ø1/16 X 6 (CARR LANE #CL2C)	1

DART AEROSPACE	
TITLE TOOL ASSY-RIGGING, TAIL ROTOR BLADE	
DWG NO. RB T101751-101 REV 1	
MAT'L	DRAWN BY: CLOUGH
APPROVED <i>D Weil</i>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL BELL 407	
SCALE 1:2	DATE 11/16/2012
SHEET 1 OF 4	

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REV		ECR	DESCRIPTION			DATE	INITIAL	APPROVED
1	15-0118	-103	DELETED DATUM A & BASIC .750. IMPROVED GD&T. ADDED ENGRAVE NOTE.			5/27/2015	DPD	JAG



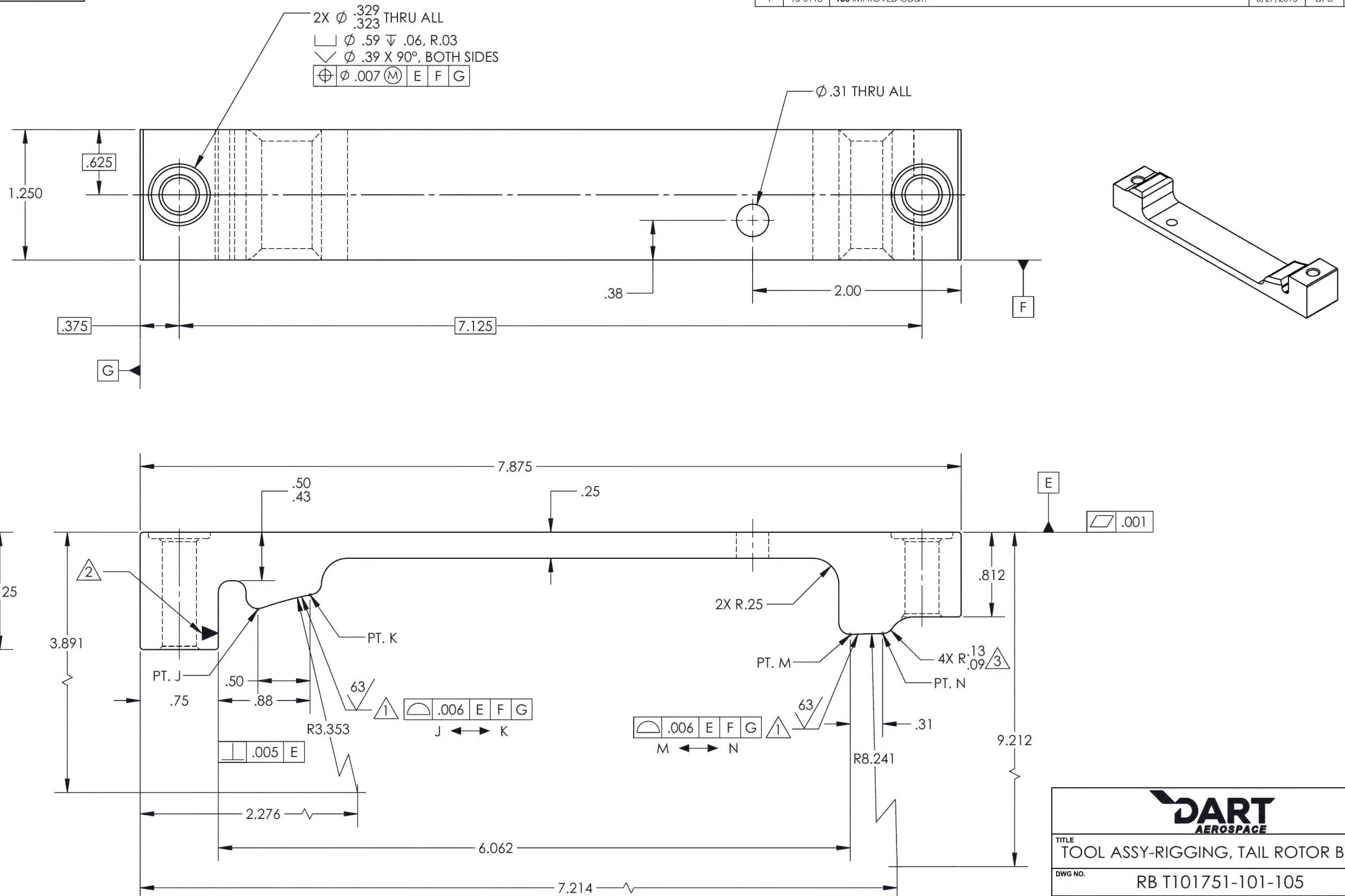
OUTER BLOCK

-103

MATL: 6061	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± .5°
X ± .1	FINISH RED ANODIZE
1. BREAK ALL SHARP EDGES .015 x 45° OR. .015R	SPEC MIL-A-8625F, TYPE II, CLASS II
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 407
SCALE 1:1	DATE 11/16/2012
	SHEET 2 OF 4

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REVISIONS		DESCRIPTION		DATE	INITIAL	APPROVED
REV	ECR					
1	15-0118	-105	IMPROVED GD&T.		5/27/2015	DPD JAG



NOTES:

1 TAIL ROTOR BLADE CONTOUR DEFINITION AT STA 27.00 PER 406-016-101.

2 SYMBOL ► DENOTES POINT CONTACT OF TAIL ROTOR BLADE LEADING EDGE AT STA 27.00 PER 406-016-101.

3 BLEND CORNER RADII TO ALL ADJACENT SURFACE. NO SHARP EDGES PERMITTED.

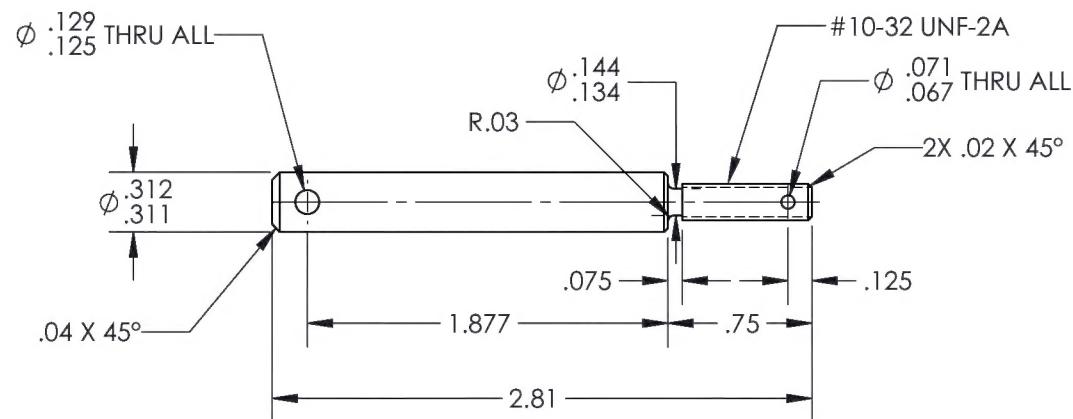
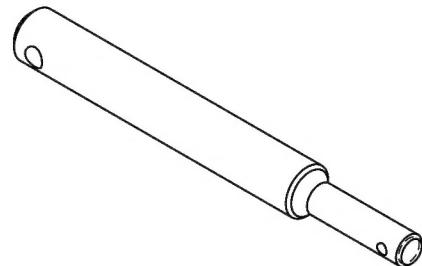
-105

INNER BLOCK

MATL 6061	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED	APPROVED D. Weil
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± .5°
X ± .1	
OR .015R	
1. BREAK ALL SHARP EDGES .015 × 45°	
2. DIMENSIONAL LIMITS APPLY AFTER	
PLATING	
SPEC MIL-A-8625F, TYPE II, CLASS II	
USED ON MODEL	
BELL 407	
SCALE 1:1	DATE 11/16/2012
	SHEET 3 OF 4

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		-107 CH'D CALLOUT ON THREAD TOLERANCE WAS #10-32 IS #10-32 UNF-2A.	4/7/2014	DPD	RJC



-107

STUD

DART AEROSPACE	
TITLE TOOL ASSY-RIGGING, TAIL ROTOR BLADE	
DWG NO. RB T101751-101-107	REV 1
MAT'L 303 S.S.	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL	
BELL 407	
SCALE 1:1	DATE 11/16/2012
SHEET 4 OF 4	